

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A waveguide filter ~~formed from~~ comprising a substrate (S), ~~which is coated on the~~ ~~at least a portion of~~ upper face with a structured metallic layer (TM);

~~and has at least one metallic stripline or more lines (ML1, ML2) for carrying electromagnetic waves, and from~~

~~a component (FB), with the component (FB) being fitted to the upper face of the substrate (S), and with wherein one side wall of the waveguide filter being is formed by the structured metallic layer (TM) on the substrate (S), and with the wherein other side walls of the waveguide filter being are formed by the component (FB), and the with the; said waveguide filter having input and output points for coupling the electromagnetic waves carried in-between the lines (ML1, ML2) to at least one metallic strip lines and an internal portion of the waveguide filter, and vice versa, characterized in that the lines (ML1, ML2) are metallic striplines.~~

2. (Currently Amended) The waveguide filter as claimed in claim 1, ~~characterized in that~~ wherein the component (FB) is a surface mounted device.

3. (Currently Amended) The waveguide filter as claimed in claim 2, ~~characterized in that~~ wherein the component (FB) has a circumferential web (ST) which rests on the structured metallic layer (TM) on the upper face of the substrate (S).

4. (Currently Amended) The waveguide filter as claimed in ~~one of~~ the preceding claims, ~~characterized in that~~ the claim 1, wherein a cross section of

the component (FB) is chosen in accordance with the predeterminable filter characteristics of the waveguide filter (HF).

5. (Currently Amended) The waveguide filter as claimed in ~~one of the preceding claims, characterized in that that~~ claim 1, wherein a side wall of the component (S) which is opposite the upper face of the substrate (S) has a structure (SK) which can be predetermined for ~~the corresponding~~ appropriate filter characteristics.

6. (New) A waveguide filter, comprising:
a substrate at least partially coated with a structured metallic layer,
a surface mounted device fitted on said structured metallic layer and forming a plurality of surfaces of said waveguide filter,
at least one metallic stripline formed on said substrate for carrying electromagnetic waves.

7. (New) The waveguide filter as claimed in claim 6, wherein the component (FB) has a circumferential web (ST) which rests on the structured metallic layer (TM) on the upper face of the substrate (S).

8. (New) The waveguide filter as claimed in claim 6, wherein a cross section of the component (FB) is chosen in accordance with predeterminable filter characteristics of the waveguide filter (HF).

9. (New) The waveguide filter as claimed in claim 6, wherein a side wall of the component (S) which is opposite the upper face of the substrate (S) has a structure (SK) which can be predetermined for corresponding appropriate filter characteristics.

10. (New) The waveguide filter as claimed in claim 2, wherein a cross section of the component (FB) is chosen in accordance with predetermined filter characteristics of the waveguide filter (HF).

11. (New) The waveguide filter as claimed in claim 3, wherein a cross section of the component (FB) is chosen in accordance with predetermined filter characteristics of the waveguide filter (HF).

12. (New) The waveguide filter as claimed in claim 2, wherein a side wall of the component (S) which is opposite the upper face of the substrate (S) has a structure (SK) which can be predetermined for corresponding appropriate filter characteristics.

13. (New) The waveguide filter as claimed in claim 3, wherein a side wall of the component (S) which is opposite the upper face of the substrate (S) has a structure (SK) which can be predetermined for corresponding appropriate filter characteristics.

14. (New) The waveguide filter as claimed in claim 4, wherein a side wall of the component (S) which is opposite the upper face of the substrate (S) has a structure (SK) which can be predetermined for corresponding appropriate filter characteristics.